

ABSTRACT

An electronic camera system includes a lens system including at least one lens. A semiconductor sensor array having a plurality of pixels is optically coupled to the lens system. Each pixel generates an output signal that is a function of incident light. A sensor control circuit is adapted to produce sensor control signals for controlling the operation of the pixels in the semiconductor sensor array in response to user input. Circuitry is provided for producing from the semiconductor sensor array a first set of image output signals indicative of the intensity of the light at a first set of the pixels when the sensor control signals are in a first state, and a second set of image output signals indicative of the intensity of the light at a second set of the pixels when the sensor control signals are in a second state, the first set of pixels including more pixels than the second set of pixels. A storage medium is coupled to the sensor array and is adapted for storing a representation of the first set of image output signals when the sensor control signals are in the first state. A display is adapted for displaying the second set of image output signals when the sensor control signals are in the second state.